Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 13 Dec 2020 until 23:59 on Monday 14 Dec 2020

Forecast Issued on Saturday 12 Dec 2020 at 08:48

Confidence: High confidence for the beginning of the period but lower confidence in the forecast from Wednesday.

Headline for Sunday 13 Dec 2020: After a dry start, rain soon spreading in and becoming very windy.

Mountain weather hazards on Sunday 13 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Dull	Light rain	Heavy Rain	Heavy Rain	Light rain	Light rain
Precipitation probability							
10%	20%	40%	50%	70%	70%	50%	50%

Forecast for Sunday 13 Dec 2020

Weather: Mainly dry overnight but cloud thickening and lowering towards dawn. Soon after daybreak a band of rain will spread across the Lake District from the west. The rain may be sleet or snow on the highest tops. Rain will be heavy at times and quite persistent through the middle of the day becoming lighter and more drizzly by nightfall.

Chance of cloud free mountain/hill tops above 800m: In the early morning there is a slight chance of cloud free tops but for most of daylight hours the fell tops will be shrouded with extensive low cloud above 4-500m.

Visibility: Visibility will be moderate but become quite poor in heavier rain in the middle of the day. In general navigation will be tricky at height.

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Forecast for Sunday 13 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	11/13 S	19/22 SE	31/38 SE	45/56 SE	47/60 SE	47/59 SE	39/51 S	40/53 S	40/54 S
600	9/13 S	16/22 SE	25/34 SE	39/54 SE	37/52 SE	35/50 SE	31/45 S	33/47 S	32/47 S
300	3/9 S	5/15 SE	9/24 SE	16/39 SE	15/37 SE	13/36 SE	13/33 S	14/35 S	15/36 S
Valley	2/8 S	5/14 SE	9/21 SE	17/37 SE	16/36 SE	16/37 SE	15/33 S	16/34 S	17/35 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-4	0/-6	0/-8	0/-9	2/-7	3/-5	4/-3	4/-3	3/-4
600	2/-1	2/-3	2/-5	1/-7	3/-5	4/-2	6/0	6/-0	5/-1
300	4/3	4/2	4/0	4/-1	5/1	7/3	8/5	8/5	8/4
Valley	6/4	6/4	5/2	5/1	7/3	8/5	10/7	10/7	9/6
Freezing Level*	1000m	900m	800m	1800m	2200m	2100m	1600m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level will rise rapidly in the morning with any wintery precipitation soon turning to rain. Severe gales on the fell tops with some very strong gusts.

Forecast for Monday 14 Dec 2020

Weather: Showery outbreaks of rain – some of these will be heavy. Perhaps some breaks in the cloud out with showers and less frequent showers in the afternoon.

Maximum wind: Southerly 25-30mph with gusts 40-45mph

Chance of cloud free mountain/hill tops above 800m: 40%, scattered cloud will shroud the tops at times especially around more southerly fells.

Visibility: Mainly moderate or good but becoming poor at times in rain.

Temperature: **Valleys:** Plus 8 celsius.
At 800m: Plus 3 celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 12 December, Location: Helvellyn summit at 14:45. Another warm and wet day on the hill with the thaw slowly continuing at all levels. The majority of the popular routes on Helvellyn including Striding & Swirral Edges can now be climbed without setting foot on snow. The few remaining patches of wet snow are to be found on easterly aspects above 800m and in and around sheltered hollows & features. Any drop in temperature will quickly refreeze these areas of saturated snow which will then require crampons and an ice axe to safely cross. The Helvellyn plateau is generally clear and the remaining ice and hard snow that was evident on many of the paths from the compression by walkers feet has softened and is an easily avoided hazard. Temperatures on the summits were just above freezing with a lot of moisture in the air so full winter clothing should still be carried as there is a real risk of developing hypothermia if you are stationary for any period of time. Temperature: plus 1.2C, Maximum wind speed 16.3mph, Wind chill: minus 5.3C, Average wind speed: 14.0mph.

Issued at: 0848 on Sat 12 Dec 2020

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